

Abstract of the Disclosure

Disclosed are artificially produced peptide capable of neutralizing the biological activities of IL-18, which comprises a part or the whole of the variable regions in anti-interleukin-18 antibody, including single chain variable region fragments and humanized antibodies, a process of producing the peptide, and uses thereof. The peptide is useful as pharmaceutical to treat and prevent diseases such as autoimmune diseases and inflammatory diseases, where the biological activities of interleukin-18 are involved.